AT-SPEX

Small Form Pluggable (SFP) Modules

AT-SPEX

1310nm 1000X SFP, 2km distance

Industry Standard

The AT-SP series offers the latest industry standard in flexible, full-duplex Gigabit Ethernet connectivity. These hot-swappable, fiber interfaces simply plug into a SFP slot on Allied Telesis SFP compatible products. Configurations can be optimized to meet varied distance and service requirements.

Product Compatibility

The AT-SP series SFPs are compatible with all the Allied Telesis range of products that support SFP uplink connections.

The AT-SPEX is designed to drive Gigiabit Ethernet up to 2km over multi-mode fiber. This makes the AT-SPEX the ideal choice for customers upgrading from legacy FDDI (Fiber Distributed Data Interface), Fast Ethernet and Ethernet networks with pre-installed multi-mode fiber.

Technical Specifications

Media Type		
Wavelength		1310nm
Maximum data rate		1.25Gbps
Distance		2km
Digital diagnostics		Yes
Transmit power	(min)	-1dBm
Transmit power	(max)	-9dBm
Receive sensitivity	(min)	-19dBm
Receive sensitivity	(max)	-1dBm
Power budget		8dBm
Fiber connectors		LC

Standard Data Rates Supported

Optical Gigabit Ethernet	1Gbps
1 x fiber channel	1.0625Gbps

Environmental Specifications

Operating temperature	0°C to 70°C
Operating humidity	0% to 85% (non-condensing)
Storage temperature	-40°C to 85°C
Storage humidity	0% to 80% (non-condensing)

Cabling Type and Distance

AT-SPEX is suitable for	
OM1 (62.5/125)	2km
OM2 (50/125)	1km

Key Features

- Connect up to 2km over multi-mode fiber
- Compact size
- Flexible architecture
- Plug & Play ease-of-use
- Self-locking mechanism
- Data: Support for fiber channel

Ordering Information

AT-SPEX
1000X, (LC) 1310nm

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